AMENDMENTS

In the Claims

1.   (Currently Amended) A <u>computer implemented</u> method for scheduling work and delivery of material for items in a factory comprising:

obtaining a customer order <u>via a computer system</u>, the customer order including an item ordered by a customer, the item having an associated quantity of a material to produce, the customer order including a desired shipping schedule;

determining a current state of the available inventory of material from a plurality of material sources <u>via the computer system</u>;

generating a material request plan for producing the item using the customer order and the current state of the available inventory <u>via the computer system</u>, the generating a material request plan including scheduling the customer order based upon the desired shipping schedule;

executing the material request plan <u>via the computer system</u>, the executing the material request plan taking into account the desired shipping schedule, the scheduling the customer order and the taking into account the desired shipping schedule enabling shipping the item via a lower cost shipping method as if the order were shipped via an expedited shipping method.

2.   (Previously Presented) The method of claim 1 wherein

the desired shipping schedule, the customer order and the current state of the available inventory are used to generate a subsequent work schedule and a material delivery schedule.

3.   (Previously Presented) The method of claim 1 wherein

the obtaining the customer order includes using a status for the customer order, the status for each customer order being updated continuously no less than every ten minutes; and

the status for each outstanding customer order corresponds to an outstanding status.

4.   (Original) The method of claim 1 wherein
the item is an information handling system.

5.   (Previously Presented) A system for scheduling work and delivery of material for
items in a factory comprising:
  means for obtaining a customer order, the customer order including an item ordered by a
        customer, the item having an associated quantity of a material to produce;
  means for determining a current state of an available inventory of the material from a
        plurality of material sources;
  means for generating a material request plan for producing the item using the customer
        order and the current state of the available inventory;
  means for executing the material request plan, the means for executing the material
        request plan including means for netting deliveries of the material with planned
        requests for the material during the executing of the material request plan, the
        scheduling the customer order and the taking into account the desired shipping
        schedule enabling shipping the item via a lower cost shipping method as if the
        order were shipped via an expedited shipping method.

6.   (Previously Presented) The system of claim 5 wherein
the desired shipping schedule, the customer order and the current state of the available
        inventory are used to generate a subsequent work schedule and a material delivery
        schedule.

7.   (Previously Presented) The system of claim 5 wherein
the obtaining the customer order includes using a status for the customer order, the status
        for each customer order being updated continuously no less than every ten
        minutes; and
the status for each outstanding customer order corresponds to an outstanding status.

8.   (Original) The system of claim 5 wherein
the item is an information handling system.

9.   (Previously Presented) A program product stored on a computer readable medium, the program product for scheduling work and delivery of material for items in a factory, the program product comprising:

an obtaining module, the obtaining module obtaining a customer order, the customer order including an item ordered by a customer, the item having an associated quantity of a material to produce;

a determining module, the determining module determining a current state of an available inventory of the material from a plurality of material sources;

a generating module, the generating module generating a material request plan for producing the item using the customer order and the current state of the available inventory;

a plan execution module, the plan execution module executing the material request plan, the plan execution module including a netting module, the netting module netting deliveries of the material with planned requests for the material during the executing of the material request plan, the scheduling the customer order and the taking into account the desired shipping schedule enabling shipping the item via a lower cost shipping method as if the order were shipped via an expedited shipping method.

10.   (Previously Presented) The program product of claim 9 wherein the desired shipping schedule, the customer order and the current state of the available inventory are used to generate a subsequent work schedule and a material delivery schedule.

11.   (Previously Presented) The program product of claim 9 wherein the obtaining the customer order includes using a status for the customer order, the status for each customer order being updated continuously no less than every ten minutes; and the status for each outstanding customer order corresponds to an outstanding status.

12.   (Previously Presented) The program product of claim 9 wherein the item is an information handling system.

-4-